Electronic Acknowledgement Receipt				
EFS ID:	2841698			
Application Number:	10821827			
International Application Number:				
Confirmation Number:	1400			
Title of Invention:	Method and apparatus for channel estimation in radio systems by MMSE-based recursive filtering			
First Named Inventor/Applicant Name:	Robert Denk			
Customer Number:	38881			
Filer:	Laura C. Brutman/BETSY ROSADO			
Filer Authorized By:	Laura C. Brutman			
Attorney Docket Number:	L0099.0003			
Receipt Date:	11-FEB-2008			
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Time Stamp:	15:47:13			
Application Type:	Utility under 35 USC 111(a)			

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Submitted with Payment	no

## File Listing:

Docume Numbe	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
4		1 0000 0000 ndf	356157	No.	12
'	1 L0099_0003.pdf	47e93c1016b9cb79110bc86ad624141 1bfa1fbab	yes	12	

	Multipart Description/PDF files in .zip description			
	Document Description	Start	End	
	Amendment - After Non-Final Rejection	1	2	
	Claims	3	8	
	Applicant Arguments/Remarks Made in an Amendment	9	12	
Warnings:		<u> </u>		

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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.